## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|--|---------------------|---------|---------------------|
| S1   | 1    | ("5627973").PN.   | USPAT; USOCR   | OR                  | OFF     | 2007/07/03<br>12:57 |
| S2   | 1    | ("5635906").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:55 |
| S3   | 1    | ("6144726").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:56 |
| S4   | 1    | ("6750885").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:56 |
| S5   | 1    | ("6868406").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:57 |
| S6   | 1    | ("6931402").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:58 |
| S7   | 1    | ("6952780").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:59 |
| S8   | 1    | ("6032131").PN.   | USPAT; USOCR   | OR                  | OFF     | 2006/11/13<br>11:59 |
| S10  | 0    | (notif\$7oralert)same<br>(biller)same(pay<br>\$5orapprov\$5orauthoriz<br>\$5)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/11/13<br>12:31 |
| S13  | 647  | (notif\$7 or alert) same<br>(biller or invoice) same<br>(pay\$5 or approv\$5 or<br>authoriz\$5) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/11/13<br>12:32 |
| S14  | 271  | (notif\$7 or alert) with<br>(biller or invoice) with<br>(pay\$5 or approv\$5 or<br>authoriz\$5) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/11/13<br>13:07 |
| S15  | 145  | (notif\$7 or alert) with<br>(biller or vendor) with<br>(approv\$5 or authoriz\$5)               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/11/13<br>13:11 |
| S16  | 1    | ("5970475").PN.   | USPAT; USOCR   | OR                  | OFF     | 2007/01/26<br>10:14 |
| S17  | 421  | (705/40).OOLS.  | USPAT; USOCR   | OR                  | OFF     | 2007/01/26<br>10:14 |

| S18 | 12641  | invoice               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/26<br>10:15 |
|-----|--------|-----------------------|---|----|-----|---------------------|
| S19 | 131256 | approv\$3             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/26<br>10:15 |
| S20 | 100051 | authoriz\$3           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/26<br>10:16 |
| S21 | 2280   | S18 and S19 and S20   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/26<br>10:16 |
| S22 | 144    | S18 same S19 same S20 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/26<br>10:50 |
| S23 | 1      | ("6868406").PN.       | USPAT; USOCR  | OR | OFF | 2007/01/26<br>10:50 |
| S24 | 1      | ("6750885").PN.       | USPAT; USOCR  | OR | OFF | 2007/01/26<br>10:58 |
| S25 | 1      | ("6721716").PN.       | USPAT; USOCR  | OR | OFF | 2007/01/26<br>10:58 |
| S26 | 1      | ("6931402").PN.       | USPAT; USOCR  | OR | OFF | 2007/01/26<br>10:58 |
| S27 | 2      | ("20020194126").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03<br>12:58 |
| S28 | 2      | ("20040064375").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03<br>13:00 |
| S29 | 2      | ("20060259427").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03<br>13:01 |

| S30  | 2       | ("6847942").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03          |
|------|---------|---|---|----|-----|---------------------|
| S31  | 2       | ("6047268").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/03<br>13:03 |
| S32  | 2       | ("20020194127").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/24<br>11:18 |
| S33  | 15839   | invoice   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:22 |
| S34  | 288344  | authoriz\$5 or approv\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:23 |
| \$35 | 1323808 | (multi adj1 level) or<br>(multi adj1 stage) or rout<br>\$3 or hierarch\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:25 |
| S36  | 5233    | S33 and S34 and S35   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:26 |
| S37  | 1287001 | remote\$2 or geographic<br>\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:27 |
| S38  | 1899255 | privelege or permission or access   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:27 |

| S39 | 3988   | \$33 and \$34 and \$35 and \$37 and \$38              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OZ | 2008/06/24<br>11:28 |
|-----|--------|---|---|----|----|---------------------|
| S40 | 156073 | authoriz\$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:28 |
| S41 | 158974 | approv\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:29 |
| S42 | 2006   | \$33 and \$35 and \$37 and<br>\$38 and \$40 and \$41  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:29 |
| S43 | 43     | (S33 with S40 with S41)<br>and S35 and S37 and S38    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:32 |
| S44 | 138    | (S33 same S40 same<br>S41) and S35 and S37<br>and S38 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:32 |
| S45 | 95     | S44 not S43   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>11:53 |
| S46 | 70411  | privelege or permission                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>12:10 |
| S47 | 924    | \$33 and \$35 and \$40 and \$41 and \$46              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/24<br>12:11 |

| S48 | 205     | (S33 same S35) and S40<br>and S41 and S46                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | O Z | 2008/06/24<br>12:11 |
|-----|---------|---|---|----|-----|---------------------|
| S49 | 15839   | invoice   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | O   | 2008/06/24<br>15:51 |
| S50 | 288344  | authoriz\$5 or approv\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR |     | 2008/06/24<br>15:51 |
| S51 | 1323808 | (multi adj1 level) or<br>(multi adj1 stage) or rout<br>\$3 or hierarch\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>15:51 |
| S52 | 216     | S49 same S50 same S51   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>15:51 |
| 953 | 158974  | approv\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2008/06/24<br>16:00 |
| S54 | 127201  | authoriz\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2008/06/24<br>16:00 |
| S55 | 411     | (S49 same S51) and S53<br>and S54   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OX  | 2008/06/24<br>16:00 |
| S56 | 25      | (S49 same S51) same<br>S53 same S54                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON  | 2008/06/24<br>16:02 |

| S57 | 388    | ((verify or approv\$3)<br>same invoice) and<br>(authoriz\$5 same invoice)<br>and \$51 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/06/24<br>16:11 |
|-----|--------|---|---|-----|-----|---------------------|
| S59 | 2849   | biller or invoicer  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | MOR | ON  | 2008/06/25<br>12:02 |
| S60 | 773635 | message or email or notify or notification  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | MOR | ON  | 2008/06/25<br>12:02 |
| S61 | 253010 | payment or authorization or approval  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/06/25<br>12:02 |
| S62 | 230    | \$59 same \$60 same \$61  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/06/25<br>12:02 |
| S63 | 123743 | authorization or approval   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/06/25<br>12:16 |
| S64 | 100    | S59 same S60 same S63   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | S O | 2008/06/25<br>12:16 |
| S65 | 252040 | deactivat\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/04/21<br>10:56 |
| S66 | 492886 | verif\$7  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/04/21<br>10:57 |

| S67 | 177200 | authoriz\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>10:57 |
|-----|--------|--|---|----|----|---------------------|
| 368 | 17701  | invoice  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>10:57 |
| 369 | 817    | \$65 and \$66 and \$67 and \$68  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>10:58 |
| S70 | 186    | (S65 same (S66 or S67))<br>and S68   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>10:58 |
| S71 | 29     | S65 same (S66 or S67)<br>same S68  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>11:21 |
| 572 | 397    | (S66 and S67) same S68   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>11:27 |
| 673 | 224    | ((S66 and S67) same<br>S68) and (stage or<br>hierarch\$4 or phase)                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>11:28 |
| 574 | 97     | ((S66 and S67) same<br>S68) and (stage or<br>hierarch\$4 or phase) and<br>(permission or credential) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>11:28 |
| S75 | 6      | S65 same S66 same S67<br>same (permission or<br>credential)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>12:13 |

| S76 | 157 | S65 same (S66 or S67)<br>same (permission or<br>credential)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | <b>O</b> | 2009/04/21<br>12:14 |
|-----|-----|---|---|----|----------|---------------------|
| S77 | 5   | (S65 same (S66 or S67)<br>same (permission or<br>credential)) and invoice | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OZ       | 2009/04/21<br>12:14 |
| S78 | 115 | S65 same allowed same<br>(permission or credential)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2009/04/21<br>12:34 |
| S79 | 2   | (S65 same allowed same<br>(permission or<br>credential)) and invoice      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2009/04/21<br>12:34 |
| S80 | 1   | ("6292789").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>16:42 |
| S81 | 1   | ("5826241").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>16:58 |
| S82 | 1   | ("5878139").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>16:59 |
| S83 | 1   | ("5920847").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>16:59 |
| S84 | 1   | ("5963925").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:00 |
| S85 | 1   | ("5978780").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:00 |
| S86 | 1   | ("5983208").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:02 |
| S87 | 1   | ("6029150").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:02 |
| S88 | 1   | ("6052671").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:03 |
| S89 | 1   | ("6078907").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:04 |
| 590 | 1   | ("6138107").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:04 |
| S91 | 1   | ("6401098").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:05 |
| S92 | 1   | ("6607124").PN.   | USPAT; USOCR  | OR | OFF      | 2009/04/21<br>17:05 |

| S93  | 1       | ("6832250").PN.  | USPAT; USOCR  | OR | OFF | 2009/04/21<br>17:05 |
|------|---------|--|---|----|-----|---------------------|
| S94  | 1       | ("6856974").PN.  | USPAT; USOCR  | OR | OFF | 2009/04/21<br>17:06 |
| S95  | 1       | ("6968319").PN.  | USPAT; USOCR  | OR | OFF | 2009/04/21<br>17:06 |
| S96  | 1       | ("20020032651").PN.                                      | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/04/21<br>17:07 |
| S97  | 1       | ("20020198830").PN.                                      | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/04/21<br>17:07 |
| S98  | 1       | ("20030140004").PN.                                      | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/04/21<br>17:08 |
| S99  | 1       | ("20030191701").PN.                                      | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/04/21<br>17:08 |
| S100 | 1       | ("20040034594").PN.                                      | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/04/21<br>17:09 |
| S101 | 267556  | deactivat\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/03<br>12:45 |
| S102 | 6707981 | choice or option or select<br>\$3                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/03<br>12:46 |
| S103 | 22063   | S101 with S102   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/03<br>12:46 |
| S104 | 236265  | credential or authority or<br>authorization or privilege | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/03<br>12:47 |
| S105 | 52      | S101 with S102 with S104                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/03<br>12:47 |

## EAST Search History (Interference)

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## 1/3/2010 1:24:51 PM

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